# The Builder.

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## ADVERTISEMENTS.


WANTED, in the Country, a STEADY MAN as FOREMAN of BRICKLAYERS; if he is capable of superintending Masons and Labourers it will be an advantage. Wages, 5s. per day.—Apply, by letter, with references (p.p.), to B., 22, Huntley-street, Bedford-square, London.

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PATENT METALLIC SAND CEMENT, requiring no Colour or Paint, and free from Cracks and Blisters. Mixed ready for use at 8s. 6d. per cask. 2s. 6d. allowed for each cask returned in good order. 3½ bushels common sand to be added to each cask of Metallic Cement, which will float fourteen square yards Stucco. Apply at the Metallic Cement Wharf, King's-road, Camden New Town (opposite Pratt-street).

## PUBLICATION.

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AN ESSAY on the USE of the SPIRIT LEVEL as APPLIED to ENGINEERING and other purposes; with proper rules for recording levels, also shewing how two, three, or more lines of levels may be taken at one and the same time: with easy and simple methods of measuring inaccessible distances, such as the breadth of rivers, lakes, &c. The work contains plans, sections, &c. of various lines of railways, &c., with numerous woodcuts and engravings. By T. OSWALD BLACKETT, Surveyor, Engineer, &c., Newcastle-upon-Tyne. "This essay by Mr. Blackett openly professes to be an Essay on the Spirit Level and its ordinary Application and Use, and to this it most strictly adheres. Hence it is one of the clearest books that we ever read, and one more useful to the student or the ordinary practice of the surveyor could not have been written. The uses of the instrument, and the various ways of using it, together with the best methods of recording the observations and planning them, are given with equal clearness: nor have we ever seen a book in which the illustrative figures were more accurately and tastefully delineated. We feel ourselves constrained to say that we cordially recommend it to all those for whose benefit it has been written."—Surveyor's, Engineer's and Architect's Journal. Published by Simpkin, Marshall, and Co., London; and E. Charnley, Newcastle-upon-Tyne.

TO CLERKS OF THE WORKS.—Her Majesty's Justices and Commissioners of Sewers for the City and Liberty of Westminster and part of the County of Middlesex, do hereby give Notice, that they are about to appoint a FOURTH CLERK OF THE WORKS, at a Salary of 120*l.* per Annum.

The first appointment to the Office will be for one year only, and the permanent appointment upon the Establishment will be, by a Special Order of Court, at the end of the first twelve months.

Further particulars, as to the nature of the examination, and as to the testimonials and other evidences of ability which will be required, may be obtained on application at this Office, from nine to four o'clock.

The Commissioners will meet at this Office, on Friday, the 14th of June, at twelve o'clock at noon precisely, to examine the several Applicants, and to take such steps as may be deemed expedient for the selection of the most fit Candidate for Election to the Office.

LEWIS C. HERTSLET, Clerk.

Sewers Office for Westminster, &c.
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S. BROAD begs respectfully to inform those Gentlemen who have received an UNPAID CIRCULAR from him, through the medium of the Post-office, that an AGENT was engaged and PAID TO DELIVER THE SAME BY HAND, but who shamefully betrayed his trust by Posting a great number. S. B. trusts this explanation will account for the gross impropriety.
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SEVERAL beautifully situated PLOTS of GROUND to LET at moderate Ground Rents, for the term of 99 years. For the erection of Villas this is considered to be the most eligible spot around London, commanding views for 20 miles around. Cash advanced, if required. For full Particulars, apply to Mr. Wm. Reynolds, 7, Lansdown Terrace, on the Estate.

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BUILDING GROUND.—This Estate, consisting of about 100 acres, and situate on the east side of Maiden Lane, about one-third of a mile north of the Camden Road Villas, on the road towards Highgate, possessing fine and commanding views of the surrounding country, has been laid out with Roads, Plantations, &c., and is to be LET on LEASE (in Plots as shewn on the Plans) for 99 years, for the Erection of single or double detached Villas of a superior class.

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BETWEEN WINDSOR CASTLE AND THE GREAT WESTERN RAILWAY.

THE Approaches, Roads, Ornamental Grounds, and Sites for Residences in UPTON PARK being now laid out, and the style and architectural character of the general design developed in the Mansion erected, and in course of completion, on the part comprising Victoria Terrace, as also the Villas on other parts of the Park, the attention of CAPITALISTS and BUILDERS is invited to inspect the same, and to treat for BUILDING or other LEASES of portions of it.

This very superior property is situate contiguous to the High Road leading from the Great Western Railway to Eton College and Windsor; is upon an elevated dry gravelly soil, abundantly supplied with pure spring water, and combining, with the most salubrious air, magnificent views of Windsor Castle, the Royal Parks, and surrounding country, with excellent roads in every direction, and within a quarter of a mile of the Railway Station.

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Strong Self-acting Kitchen-Ranges, with back Boiler and Oven, and Wrought Bars:—

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| 3 ft. | 3 ft. 3 in. | 3 ft. 6 in. | 3 ft. 9 in. | 4 ft. |
| 3*l.* 6s. | 3*l.* 12s. | 3*l.* 16s. | 4*l.* | 4*l.* 10s. |

Henly's Patent Improved, with back Boiler and Wrought Iron Oven:—

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|---|---|---|---|---|
| 3 ft. | 3 ft. 3 in. | 3 ft. 6 in. | 3 ft. in. | 4 ft. |
| 5*l.* | 5*l.* 15s. | 6*l.* 5s. | 6*l.* 10s. | 7*l.* |

Best Register Stoves, at 8d., 9d., and 10d. per inch.

Do. Elliptic do., at 3½d., and 4d. do.

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The DECIDED PREFERENCE GIVEN TO and the GENERAL ADOPTION OF any article, is certainly the BEST EVIDENCE OF ITS SUPERIORITY, and Bunnett and Corpe beg to state that NO IRON SHUTTERS of any description but their own have, to their knowledge, been put up by any person within the last four years, with the exception of one at the American Stores, in Oxford-street, which, proving a DECIDED FAILURE, was, by the proprietor's order, removed, and replaced by one of Bunnett and Corpe's Patent, and may now be seen, with many other shutters, for which B. and C.'s have been substituted, at their works at Deptford.

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METALLIC SASH-BARS, MOULDINGS, ETC., IN BRASS, ZINC, OR COPPER,
FOR
SHOP FRONTS, WINDOWS, SKYLIGHTS, &c.

STALL-BOARD PLATES MADE AND ENGRAVED,
And all kinds of Metal Work executed to any Design.

Estimates given for Patent Iron Shutters, Metallic Shop Fronts, Sashes, &c., Glazed complete, with best Plate Glass, in any part of the kingdom.

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J. FARRELL, Secretary, Seyssel Asphalte Company,
14th May, 1844. "Claridge's Patent," London.

GREAVE'S LIAS CEMENT is particularly recommended as being manufactured entirely from BLUE LIAS STONE—does not vegetate—never cracks—is a better colour (resembling stone) than any Roman cement, hardens by exposure to the atmosphere; and will set as hard as stone under water, possessing advantages over any other light cement, being cheaper—more easily worked—carrying as much sand, and well adapted, from its quick-setting quality, for any description of modelling or casting, however elaborate. Sold in casks, of five bushels each, at 10s. 6d., or 1s. 6d. per bushel; 2s. 6d. allowed for casks if returned in good condition. Ground Lias Lime for stucco, concrete, &c., 1s. per bushel.

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CHARLES F. TILSTONE, Sec.

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"CLARIDGE'S PATENT,"
ESTABLISHED 1838.

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I. FARRELL, Secretary,
Seyssel Asphalte Company's Works,
"Claridge's Patent,"
Stangate Depôt, London.

TO MERCHANTS, SHIPPERS, AND COLONIAL AGENTS.—The DIRECTORS of the SEYSSEL ASPHALTE COMPANY are prepared to execute orders for the immediate Shipment of this Material, which for the convenience of transport is manufactured in blocks weighing each about 1 cwt. The blocks are of two kinds, the one (impervious to damps and vermin) for pavement and floors, generally, the other for covering of roofs, terraces, vaults, and arches, where it is desirable to keep wet from percolating or damp from rising, as a cement for brickwork, for lining of tanks, reservoirs, &c.

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FLOORS laid with this CEMENT check the progress of Fire, and resist the attacks of Vermin. For Entrance Halls, Offices, Churches, &c., it will be found to be warmer and cheaper by two-thirds than Portland Stone, from which it is not to be distinguished in colour and hardness.

Patentees and Sole Manufacturers,
JOHN BAZLEY WHITE & SONS,
Milbank-street, Westminster.

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And of Messrs. Mann & Co., Sole Agents for the Patentees, Maiden-lane, Queen-street, Cheapside.

MARTIN'S CEMENT.
IMPORTANT TO ARCHITECTS AND BUILDERS.

AMONGST the variety of compositions offered to the notice of the Profession and the Trade generally, for internal Works, there are none to equal MARTIN'S IMPROVED PATENT FIRE-PROOF and ORNAMENTAL CEMENT. This superior article is allowed by eminent Builders and Architects to possess the desiderata of hardness and durability, is a preventive against fire, damp, and vermin, and does not emit SALT; when painted never PEELS, but shews a plain, clear, and perfect surface, not to be surpassed in beauty by any material now in use. It is suitable for Stucco on Walls, or Lath, Mouldings, Architraves, Skirtings, &c., not yielding to heat, quite imperishable, worked to the same advantage as Wood, and at a considerably less cost.

For Flooring it is excellent, with an appearance of stone, and much less expensive; the quality being so superior, has induced the Government to adopt it in several of their Public Works.

Applications to STEVENS & SON, 186, DRURY-LANE, the Sole Manufacturers, who can with confidence recommend it to their extensive connection and the Public generally; their long experience with the manufacture of Plaster and Cements will be a guarantee to the Trade of the superiority "MARTIN'S CEMENT" possesses over all others.

TERRO-METALLIC BRICKS, TILES, PIPES, &c.

THOMAS PEAKE'S TERRO-METALLIC TILERIES, Tunstall, near Newcastle, Staffordshire. "The bricks being made of clay, peculiarly good in quality and triturated by machinery, and being carefully moulded and burnt, are in fact the best Newcastle blue brick, the hardest and most durable of any made in England."—Life of Telford, p. 77. A large number of these bricks are ready for delivery to any part of the kingdom, suited to impart solidity and durability to bridges, canal-locks, tunnel-arches, aqueducts, viaducts, to the walls of piers, docks, and the like, 3,500 to the rod. "The tiles, being formed of terro-metallic earth, have somewhat of the colour of cast-iron; they are almost equally hard, and must, from their nature, be incomparably more durable. In short, we consider them as the best of all coverings for roofs, whether of large or small buildings. * * * * * * There are suitable ridge-tiles, hip-tiles, valley-tiles, all manufactured by Mr. Peake in the same superior style."—Loudon's Encyclopædia of Cottage, Farm, and Villa Architecture, 1833, p. 648, sect. 1368. The Manufacturer submits that the bricks, to which he quotes testimony by the late Mr. Telford, are made of the COARSEST of the clay, and asks, therefore, what must be the superiority of the tiles, pipes, &c., which are from the FINEST of the strata? He also begs to remark that these articles have supplanted other materials to a considerable extent provincially, and, as the result of thirty years' experience, to state his belief, that they will be more generally adopted, both in the Metropolis, upon the coast, and abroad, as they become known, being transhipped in the Mersey with facility. Plain and ornamental flat tiles, with pan, Italian, and Grecian tiles, for roofs; tiles for ridges, hips, and valleys, instead of lead, those for ridges and hips with fleur de lis and other vertical ornaments; paving-tiles, 6 in., 7½ in., and 9 in. square, different colours, for chequered floors; skirting tiles, garden edging tiles, channel tiles, sough grate tiles, drain shell tiles; sough and conduit pipes of various diameters from 3 to 16 in., with plain or socket joints; the 16 and 12 in. are adapted for small sewers: these conduit pipes are preferred to lead (which is proved to be poisonous), iron, &c., to convey water, as they will not injure it. A large number of the pipes are in use upon the various railways. Funnel pipes, for chimney-flues, instead of parget, either circular for masonry, or 14 in. by 9 in., and other forms and sizes, not to injure the bond of brick-work. Lists free, in reply to post-paid applications; and a call to inspect the completeness of his manufactories the advertiser respectfully solicits. No Depôt or Agent in London at present; but Mr. Peake hopes, very shortly, to attend regularly there, &c.

THE WESTMINSTER MARBLE COMPANY'S ESTABLISHMENT having now been so extensively arranged as to supply ARCHITECTS and BUILDERS with every variety of MARBLE WORK, at a considerable reduction in price, they respectfully solicit a trial from those whose consumption is considerable, as they will realize an immense saving by forwarding orders to this establishment. Much attention will be devoted to the interest of Builders, and an unabated zeal will be maintained to continue the patronage so liberally bestowed by men of business. A liberal commission for all orders will be allowed to the trade; and those persons wishing to act as Agents can have a Book of Designs forwarded, by inclosing sixteen postage stamps.—A BEST VEIN MARBLE CHIMNEY-PIECE, from 2*l.* to 3*l.*—Direct "The Westminster Marble Company, Earl-street, Horseferry-road."

SALISBURY GLUE 68s. per Cwt.; fine Scotch do. 52s.; Town 46s., 44s., and 42s.; Best Glass Paper 1s per quire; Second do. 9d.; French Polish and Spirit Varnishes 19s. per gallon; Naptha do. 10s.; Orchil and Dye-woods; Genuine White Lead 27s.; Second do. 24s. and 22s.; Improved Stucco Paint 28s.; Invisible Green and Chocolate Colour 28s.; Fine Green, and all Colours used in House Painting, prepared by a new process to dry in six hours, 6d. per lb.; Turpentine 2s. 9d. per. gallon; Linseed Oil 2s. 9d.; Fine Copal Varnish 20s.; Quick Drying Carriage 14s.; Oak do. 12s. and 10s.; Paper 14s., 10s., and 6s.; Turpentine Varnish 3s.; Parchment Size 2d. per lb.; Vellum 1½d.; Double Size 2s. 6d. per firkin; Single do. 1s. 3d.; Dry Brunswick Green 3d., 4d., and 6d. per lb.; Oker 1d.; Spanish Brown 1d.; Lamp Black 3d.; Emerald Green 1s. 2d. and 1s. 3d.; Whiting 1s. 3d. per cwt.; Stockholm Tar 18s. per barrel; Pitch 10s. per cwt. Every article in the Trade equally low. Lacker Bronze, Dutch Metal, &c. W. NIXEY'S Old-Established Warehouse, 22, MOOR-STREET, SEVEN-DIALS, LONDON.

PATENT METALLIC SAND CEMENT.—The Proprietors of the PATENT METALLIC SAND, after ten years' experience of its merits, confidently recommend it to the attention of Engineers and Architects, as a valuable material in all works where Hydraulic Cements are necessary, and great strength is required. From the Chemical properties of the Metallic Sand, it forms, when mixed with Blue Lias Lime, a Metallic cement of great strength and density; the iron, which is one of its principal constituents, combining with the bed in which it is deposited, and communicating to it a greater degree of hardness than can be obtained by admixture with any other known material. The concrete and mortars in which Metallic Sand has been used continue to indurate with time, and are not injuriously affected by damp, as the oxidization which is produced by the presence of moisture, occasions a closer adhesion of the particles, and renders the whole body more firm and durable.

In all cases the Metallic Sand is found to be the best substitute for Pozzolano that has ever been presented to the public; and when employed in combination with Blue Lias Lime, as a cement for tunnels, sewers, and other underground works, it is not only cheaper, but from its eminently adhesive and impervious qualities, it effectually excludes the water, and forms, with the brickwork, a more solid and compact body than any other cement which has hitherto been introduced.

As an external stucco, the Metallic Sand Cement is unaffected by frost or wet: in appearance it resembles the best Portland stone: requires, therefore, neither colour nor paint, and is entirely free from vegetative cracks and blisters, to which Roman cement is liable.

The proprietors refer with confidence to works in which the Metallic Sand has been extensively employed, viz: at the New Houses of Parliament, the foundations of which were entirely formed of the Metallic Concrete; at Kilsby, Primrose Hill, and Kensall Green tunnels, on the London and Birmingham line of Railway; and other important buildings, which have been stuccoed with Metallic Cement, more particularly referred to in the prospectus.

Further information will be given, and specimens shewn, on application to Mr. C. K. DYER, 4, New Broad Street; and at the Metallic Cement Wharf, King's Road, (opposite Pratt Street,) Camden New Town, London.

PLUMBERS, PAINTERS, BUILDERS, and OTHERS supplied with CROWN and SHEET WINDOW GLASS, SHEET PLATE, &c. &c., for Pictures Glazing, &c. &c., in any quantity, at Manufactory Prices.

| | |
|---|---|
| TURPS, per gallon .. .. .. .. | 2s. 3d. |
| LINSEED OIL, ditto .. .. .. .. | 2s. 9d. |
| SHEET LEAD, in sheets, per cwt. .. .. | 18s. 6d. |
| Ditto, cut to sizes and PIPE .. .. .. | 19s. 6d. |
| WHITE LEAD Ditto .. .. | 26s. 0d. |

Colours, Pipe, Brushes, &c. &c., equally low, and quality warranted. Complete Lists, priced, may be had on applying to R. COGAN, 5, Princes-street, Leicester-square, London.

PRINT PUBLISHERS, PICTURE FRAME AND CABINET MAKERS, can be provided with flatted Crown, flattened Sheet, and the patent Sheet Plate, Lists of which, shewing the price for any Square, from 14 by 12 to 40 by 30 of Best and Seconds quality, will be sent (gratis) upon receiving the address. Builders, Glaziers, and others having to Contract, sending a copy of their specifications, with a list of dimensions to R. COGAN, will receive by return of post the lowest prices for all qualities and sizes of Crown Sheet-Glass and Sheet-Plate, &c. Glazing estimated for if required.

NURSERYMEN, MARKET GARDENERS, AND OTHERS requiring Small Glass, will find a greater variety of sizes (a large Stock of which is constantly on hand) than is kept by any other House in London.

COMMON SHEET AND CYLINDER. The advantages of Common Sheet over Crown for Glazing Sky-lights is decidedly great, and is generally used where strength or superior appearance is required; a light 6 feet 6 in. long, with openings of any width, needs only one lap. This Glass is considerably stouter than Crown, and may be had from 1s. 3d. per foot.

Also may be had,

COGAN'S PATENT CHIMNEY FOR GAS OR OIL, Which effects a great saving in the consumption, produces a more brilliant light, prevents smoke, and is cheaper than any other Patent Chimney sold.

LAMP SHADES AND GAS GLASSES,
OF EVERY DESCRIPTION.

GAS CONTRACTORS, FITTERS, GLASS MERCHANTS and others supplied with Lists of nearly 100 Patterns, with prices affixed, sent to any part of the Kingdom gratis.

CLOCK MAKERS, ALABASTER FIGURE MAKERS, ARCHITECTS, MODELLERS, AND OTHERS, supplied with FRENCH ORNAMENT SHADES, for covering Models of Public Buildings, Geological Curiosities, &c. &c., of all sizes and shapes. List of Prices may be had on application.

French Table Flowers, China Vases, Fancy Glass Ware, and Alabaster Figures in every variety.

R. C. having just completed his Show Rooms for the above articles, begs to invite the inspection of the Public. A liberal Discount to Bazaar keepers and others.

NECESSARY PRECAUTION.—CONSUMERS OF BRANDY are respectfully informed, that J. T. BETTS, Jun., & Co., will not be responsible for any bottled Brandy that is not protected against fraudulent substitution, by the Patent Metallic Capsules, embossed with the words "Betts's Patent Brandy, 7, Smithfield Bars." Sold by the most respectable Wine and Spirit Merchants in Town and Country, at 3s. 6d. per bottle, the bottle included.

TO ENGINEERS, DRAUGHTSMEN, &c.

STEPHENS' RULING AND MECHANICAL DRAWING INK, for Engineers, Artists, and Designers. This article will be found superior to the best Indian Ink for the above purposes. It does not smear with India-rubber, or wash off with water. It flows freely from the drawing-pen, and never corrodes or encrusts it., It may be used on a plate or slab, with a camel's hair brush, diluting it with water, or thickening it by drying, as required. It has the advantage of being ready for immediate use.

Sold in conical-shaped Bottles, convenient for using from without any Stand, by the Inventor, Henry Stephens, 54, Stamford-street, Blackfriars'-road, and by Booksellers and Stationers, at 6d. each.

OFFICE for PATENTS of INVENTION and REGISTRATION of DESIGNS, No. 14, Lincoln's-inn-fields.

INVENTORS and CAPITALISTS are informed that all business relating to the securing and disposing of BRITISH and FOREIGN PATENTS, Preparation of Specifications, and Drawings of Inventions, is transacted with care, economy, and dispatch.

REGISTRATION OF DESIGNS.

Under the new Act, 6 & 7 Vic., c. 65, ARTICLES of UTILITY, whether in METAL or other Substances, may be PROTECTED for the THREE YEARS, at a small expense.

Ornamental Designs may also be registered under the Act 5 and 6 Vic., c. 100.

A Prospectus, with full particulars as to the course to be pursued, and the expense, &c. of being protected, either by Letters Patent or the Designs Acts, may be had gratis, upon application, personally, or by letter, to Mr. Alexander Prince, at the office, 14, Lincoln's-inn-fields.

PAYNE'S WOOD PATENT.—This Process for Preserving Vegetable Substances will render WOOD Thoroughly Anti-Dry-Rot.
" Uninflammable.
" Of the most inferior quality equal in point of Strength, Durability, and Usefulness, to the hardest and best descriptions.
" Unassailable by Insects.
" Sufficiently Seasoned for any Use in a comparative short time.
" Elastic when required.
" So granulated in its surface (and throughout the body) as to prevent Pavement, in a great measure, from being Slippery.

The Combinations are insoluble, and are mostly of such trifling cost, as scarcely to be appreciable as articles of expense where the work is considerable.

Hence, for Ship and House Building, Public Works, Piers, Sleepers for Railroads,—Engineers', Coopers', and Millwrights' Work,—Wood Pavements, Cabinet-work, Hop Poles, and wherever Wood is used, the Advantage of this Process must be apparent.

The Patentee is now ready to undertake orders for the preparation of timber under this process, and is authorized to state that his invention having been minutely investigated by Richard Phillips, Esq., the eminent Chymist, by order of the Hon. Commissioners for Woods and Forests, they have been pleased to adopt it in some of the works now in progress under their management. Particulars for the use of this Patent, whether by License or otherwise, to be obtained of Payne and Loder, Whitehall Wharf, Cannon-row, London, Fleetwood-on-Wyre, Lancashire, and Wisbeach, Cambridgeshire.

CHEAP AND DURABLE ROOFING.

By her Majesty's Royal Letters Patent.

TO ENGINEERS, ARCHITECTS, SURVEYORS, BUILDERS, COPPER-SMITHS, ZINC MANUFACTURERS, &c.

F. McNEILL & Co., ONLY PATENTEES OF IMPROVED PATENT ASPHALTED FELT, beg to call attention to their superior and durable manufacture for covering the roofs of every description of building, in lieu of slates, tiles, thatch, &c. It is also in general use under copper, zinc, slates, or tiles, and adds greatly to the warmth, especially of attics, while it secures the tightness of the roof, and contributes greatly to its durability.

It is manufactured purposely for securing a perfectly tight roof against rain and snow, and from its non-conducting quality resists the external heat of the sun. It is impervious to wet and frost, and not liable to crack with changes of temperature.

For roofing houses, cottages, verandahs, sheds, and out-building, and for lining the outside and inside of walls, this material is now extensively used. In churches and large open buildings it is particularly desirable, not only contributing greatly to the warmth and comfort of the congregation, but it also prevents the falling of rain on the roof or the whistling of the wind from being heard. And as a protection to ceilings under floorings from wet and damp (at the same time effectually deadening sound) it is in very great demand. In point of economy it has decided advantages. The timber and wood work may be extremely light, as the weight of the felt is only 24lbs. per 100 square feet; and thus, in timber alone, there is a saving of at least one-half, and the expense of the felt, as compared with tiles, is considerably less than one-half, and with slating the difference is still greater.

It is also in considerable demand for lining boxes for goods, and effectually secures them from wet and sea air.

It is manufactured 32 inches wide, and may be ordered for the length of any building, thereby preventing the necessity of many joinings.

Parties sending to the manufactory, Lamb's-buildings, Bunhill-row, London, may have it immediately cut off from the machines.

The price of Roofing Felt is only One Penny per Square Foot, or Ninepence per Square Yard.

*** Samples, with full directions for laying on the Felt, sent to any part of the town or country, and orders by post immediately executed.

Patent Felt Manufactory, Lamb's-buildings, Bunhill-row,

TO BUILDERS, &c.

RAIN WATER PIPES, EAVE GUTTERINGS, SASH WEIGHTS, Air Bricks, Coal Plates, Stable Drain Grates, Bell Traps, and the usual castings for buildings, always ready, and supplied in large or small quantities. Prices in accordance with the present low price of iron, at JOHN YOUNG, Junior's, Wholesale Ironmonger, 18, Blandford-street, Manchester-square, leading from Baker-street, Portman-square, where prices may be had on application, or sent postage free.

MOREWOOD'S PATENT GALVANIZED TINNED PLATES, HOOPING, WIREWORK, &c.—This material, possessing the strength and lightness of Tin or Iron Plates, combined with durability, is not liable to rust or corrode from exposure to wet and moisture, nor to be rent by expansion or contraction, caused by sudden changes of temperature, which objection applies to both Zinc and Lead, neither can it melt and run down as these metals do in case of fire; neither is it, like Zinc, liable to combustion; hence it is admirably adapted for Roofing, Gutters, Spouting, Chimney Tops, &c. in any climate, but more particularly where there is great variation in the temperature, and as such is a matter of importance and economy to all persons interested in our colonial possessions.

As regards the expense of this and other Metallic Coverings, it will be found that the same strength does not cost more than two-thirds that of Zinc, which is the cheapest Metallic Roofing, as regards first cost, at present in use; and that, in consequence of the continual repairs which are required to keep Lead or Zinc Roofing in order, this would be far cheaper than either, even if the first cost were much greater.

The material being strong, and at the same time exceedingly light, and the sheets being fastened together, tend to strengthen the building, instead of requiring any support themselves. It is therefore scarcely necessary to add, that the timber required is only of the very slightest description.

The Plates may be obtained of any size up to 6 feet by 2 feet 6 inches.

Specimens of the Galvanized Tinned Plates, corrugated and plain, and other articles, as Baths, Chimney Tops, &c. &c., may be seen and had of S. HOLLAND, 34, GRACECHURCH-STREET.

F. A. DE WILDE Twenty Years with and Successor to Barron and Mills, 72, Wells-street, Oxford-street, Manufacturer of every description of BRASS ESPAGNIOLA BOLTS for French Casements, Brass Trellis-work, for Library Bookcases; Pew Rails, for Churches or Chapels; Brass Hand-rails for Staircases; Brass Cornice Poles, and Picture Rods of every diameter, kept ready, all lengths. Gas Fitting in every branch, and a very choice assortment of Mortise Furniture kept, in Brass; Porcelain, plain or ornamental, Ebony, Maple, Oak, Yew, or Ivory. Old Work Cleaned and Laquered with despatch. Estimates given, and communications punctually attended to.

WINDOW BLINDS.
TO ARCHITECTS, BUILDERS, CONTRACTORS, AND OTHERS.

F. A. DE WILDE,
(Late Mills and De Wilde),
72, WELLS STREET, OXFORD STREET, LONDON.

MANUFACTURER of the much-admired SPANISH BLIND. VENETIAN SHADES, adapted to either inside or outside, so much in general use. Blinds for Shop-fronts, Spring Roller Blinds, on the most improved Principle. PATENT ROLLER BLINDS, Mounted with the newly-improved Scotch Furniture.

PATENT WOVE WIRE BLINDS. DWARF VENETIAN BLINDS, &c.

Verandahs to any Design. Transparencies, and every description of Sun Blind, on the most improved principle, and of the very best workmanship and well-seasoned Materials.

F. A. De Wilde begs to observe he pays particular attention to the manufacture of Blinds for exportation; he also invites all parties to pay his Establishment a visit, where they may see every description of Blind in use.

Holland Blinds Cleaned, Calendered, and re-made. Venetian Blinds Painted, Taped, and Lined. Estimates furnished.

N.B.—Old Blinds renovated and made equal to new.

DAY'S PATENT WINDGUARD, for Ventilating Churches, Hospitals, Factories, Theatres, Club-houses, Breweries, Malt-houses, Shops, Counting-houses, School-rooms, Smoking-rooms, Bed-rooms, Nurseries, Kitchens, Larders, Dairies, Stables, and all Buildings requiring Ventilation; as well as Ships, Mines, Tunnels, &c. &c.; also, for Preventing Down Draft; and is guaranteed to Cure all Smoky Chimneys caused by Wind; and entirely supersedes the use of Revolving Cowls, or anything moveable or unsightly on the tops of Chimneys or Ventilators.

The object of this Invention is to create a draft where otherwise it would not exist, by the spontaneous action of the external air.

The Windguard forms a pleasing octagonal pillar, and by its peculiar construction to carry out the principle, which consists of the wind giving a disposition for a vacuum within, which causes a continual upward current, and can be regulated at pleasure.

The Windguard applied to Ships and Steam Vessels in the form of a Skylight, prevents rain or the sea entering within, however boisterous the weather may be, thereby affording excellent Ventilation, as well as Light.

The Windguard applied to the Tops of Chimneys prevents all annoyance from Smoke, and agreeably Ventilates the room when fires are not required. This is a most simple and effectual way of Ventilating Bed-rooms, Nurseries, Smoking-rooms, Offices, &c.; causing the air of the apartment to be at all times as pleasant as can be desired, and may be regulated by a valve at pleasure.

The Windguard is simple in its application, reasonable in price, ornamental in appearance; no machinery or anything moveable in it, therefore, cannot get out of order; free from noise or any unpleasantness whatever; not liable to choke up with soot, and no obstacle to the machines used for sweeping chimneys.

The Windguard having been applied, with much success, to the chimneys of Windsor Castle, Buckingham Palace, and Claremont, also to several of the Club-houses, as well as to the mansions of many noblemen and gentlemen, it is with great confidence recommended for the cure of smoky chimneys generally, and may be had of all respectable ironmongers in Town and Country, and may be seen daily in operation at The Patent Ventilating Works, Commercial Road, Pimlico; where also may be seen Mr. G. T. Day's plans (illustrating the different applications of his Patent ARCHIMEDIAN VENTILATOR and his PORTABLE WATER APPARATUS) for effectually Ventilating, Warming, and Cooling the Air of Buildings, Ships, &c. &c. By the use of these inventions many thousand feet or any quantity of pure warm or cold air can be guaranteed to be continually exchanged per minute, day and night, winter and summer; thereby ensuring, at all times, free ventilation to the rooms and passages of buildings, &c., from the basement to the roof. The size of the apparatus depends on the nature and use of the buildings and its occupants.

## IRON CASTINGS AND FORGINGS.

GAS AND WATER PIPES, SHOP PILLARS, IRON RAILINGS, GIRDERS, FIREBARS, &c.

THOMAS JOHN CROGGON, 8, Ingram-court, Fenchurch-street, and 77, Wapping-wall, London, is prepared to execute every description of the above, on the most advantageous terms.

T. J. C. has a Stock of DRY HAIR FELT. This Felt, as a Covering for Boilers, on account of its non-conducting Properties, effects a Considerable Saving of Fuel. Size of Sheets, 2 ft. 10 in. by 1 ft. 8 in.

By Her Majesty's Royal Letters Patent.

## PATENT ASPHALTE ROOFING.

THE above material has been used and approved by the Nobility, Gentry, and Agriculturists generally, as a Roofing and Covering to sides of Farm Buildings; its advantages are—Lightness, Durability, and Economy. Being a non-conductor, it has been proved an efficient "Protective Material" to Plants, and is now in use at the "Royal Horticultural Society's Gardens, Chiswick." It can be had of any length, 32 inches wide, at One Penny per superficial foot. THOS. JOHN CROGGON, 8, Ingram-court, Fenchchurch-street, London.

A Discount to the Trade.

## WILLIAMS'S PATENT SLATE RIDGE.

MANUFACTURED BY THE PATENTEE, AT PORT PENRHYN, BANGOR, NORTH WALES.

THE above article is respectfully submitted to the attention of ARCHITECTS, SURVEYORS, BUILDERS, and others interested or engaged in the erection of public or private edifices, as affording a superior and economical covering for ridges and hips of the roofs of buildings. The subjoined list of prices of the various sizes will at once convince all practical men that the PATENT RIDGE now submitted has claims to economy. It is also confidently pronounced by all who have used it to be highly efficient; and in fact a great improvement upon all previously-existing plans. The PATENT RIDGE, moreover, may be said to offer a safeguard against robbery, inasmuch as the lead generally used hitherto has frequently proved a strong inducement to theft.

| Number. | Size of Roller. | Outside Width from the Roller. | Round Top and Rabbeted Joints. | Round Top and Square Joints. | Square Top and Rabbeted Joints. | Square top and Square Joints. |
|---|---|---|---|---|---|---|
| | Circumference. | | Prices per Lineal Foot. | | | |
| 1 | 4½ In. | 5¾ In. | 11d. | 10d. | 10d. | 9d. |
| 2 | 4 | 5½ | 10 | 9 | 9 | 8 |
| 3 | 3½ | 5¼ | 9 | 8 | 8 | 7 |
| 4 | 3¼ | 4¾ | — | 7 | — | 6 |
| 5 | 2¾ | 4½ | — | — | — | 5 |

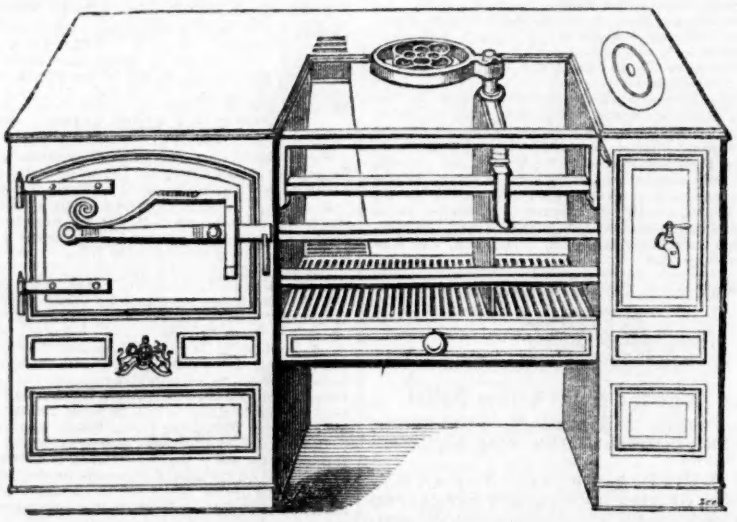
N.B. Larger sizes may be manufactured without increasing the thickness of the sides more than about half an inch; and all may be made to fit any pitch of roof.

AGENTS IN LONDON.

Messrs. James & John Sharp, Slate Merchants, 181, Tooley-street, Southwark.
Mr. Richard Cooper, Slate Merchant, Belvidere-road, Lambeth.

## THE PANKLIBANON IRON WORKS,

WHOLESALE AND RETAIL, 58, BAKER STREET, PORTMAN SQUARE.



ARCHITECTS, BUILDERS, and Others, about to supply STOVES and KITCHEN APPENDAGES, will find at this Establishment the most unique and elegant assortment of STOVE-GRATES, FENDERS, and FIRE-IRONS ever offered to the Public, at prices considerably below the usual charges.

The Proprietors at the same time beg to invite attention to their extensive Stock of

FURNISHING IRONMONGERY,

Tinned Copper, Tin and Iron Cooking Vessels, Block Tin Dish-Covers, Japanned Ware, Table Cutlery, and especially their Sheffield Plate and German Silver Wares, embracing every Article suitable for the Table, comprising Dish and Plate Covers, Liquor Frames, Epergnes, &c. &c. The plan adopted by the Proprietors of affixing the price to each article for cash, enables all purchasers to have the same advantage. The Patent Thermio Stove is in daily operation.

THORPE, FALLOWS, & COMPANY, 58, Baker-street, Portman-square, London.

## IMPORTANT NOTICE TO INDEPENDENT UNDERTAKERS & THE PUBLIC.

IN consequence of the combination existing among the Funeral Furnishers not to employ the Patent Carriages, except when actually compelled by surviving friends,

## THE CEMETERY AND GENERAL FUNERAL COMPANY,

UNITED WITH

## SHILLIBEER'S

*Funeral Cortége.*

PATENT ECONOMIC

*Funeral Returning.*

## FUNERAL CARRIAGES,

Respectfully announce to the Trade using these Cemetery Carriages, that they can be furnished with Coffins, Palls, Cloaks, &c. for Funerals 50 per cent. cheaper than any other Establishment.

CARRIAGE FUNERALS, combining solemnity with respectability, are conducted for 5*l.* 5s., or 8*l.* 8s., including every charge, viz., Coffin, Grave, Carriage, and fittings for six mourners. FOUR-HORSE FUNERALS, 12*l.* 12s.

Central Station, CITY-ROAD, adjoining Bunhill-fields' Burial-ground; Western Station, HIGH-STREET, opposite Marylebone Church; Southern Station, 136, UNION-STREET, Broadway, Southwark.

## LONDON, EDINBURGH, AND DUBLIN LIFE ASSURANCE COMPANY,

3, Charlotte-row, Mansion-house, and 18, Chancery-lane, London.

DIRECTORS.

KENNETT KINGSFORD, Esq., Chairman.
BENJAMIN IFILL, Esq., Deputy Chairman.

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| Alexander Anderson, Esq. | James Hartley, Esq. |
| John Atkins, Esq. | John M'Guffie, Esq. |
| James Bidden, Esq. | John Maclean Lee, Esq. |
| Captain F. Brandreth. | J. Marmaduke Rosseter, Esq. |

AUDITORS.

H. H. Cannan, Esq. | Robert E. Alison, Esq.

MEDICAL ADVISER—Marshall Hall, M.D., F.R.S., L. and E.

SECRETARY—John Emerson, Esq.

SOLICITORS—Messrs. Palmer, France, and Palmer.

THIS IS THE ONLY COMPANY who are bound by their deed of constitution not to dispute any policy, unless they can prove that it was obtained by fraudulent misrepresentation: and nothing but fraud, proved to have been committed against them, can vitiate a policy granted by this Company.

THIS IS THE ONLY COMPANY from whom the assured on the mutual principle, receive the whole of the mutual accumulations, and also a guarantee from the Shareholders for the sums assured.

THIS IS THE ONLY COMPANY who bind themselves to pay the sums in the Policies, although the debts for which they were effected shall have been liquidated before the claims arise.

THIS IS ALMOST THE ONLY COMPANY who grant in favour of creditors whole-world policies, whereby the debt is secured, although the debtor should go beyond the limits of Europe.

BY THE HALF-PREMIUM PLAN only one-half of the premiums for the first seven years is required, the other half being payable at the convenience of the assured; thus allowing a Policy to be continued for seven years at one-half of the usual rate, or to be dropped at one-half of the usual sacrifice. ALEX. ROBERTSON, Manager.

## WESTERN LIFE ASSURANCE SOCIETY,

OFFICE, 49, PARLIAMENT STREET, WESTMINSTER.

*Directors.*

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| H. Edgeworth Bicknell, Esq. | James Hunt, Esq. |
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